

2834

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Group Art Unit: 2834

Examiner: K.I. Tamai

P.D. File No.: 30-4519 CIP 1 (4710)

# 8/SUPP.  
IDS  
Hawkins  
10/4/01

In re Application of: N.J. DECRISTOFARO ET AL.

Serial No.: 09/506,533

Filed: February 17, 2000

For: AMORPHOUS METAL STATOR FOR A RADIAL-FLUX ELECTRIC  
MOTOR

Morristown, NJ

September 21, 2001

Assistant Commissioner for Patents  
Washington, DC 20231

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER  
37 CFR § 1.97(b)

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicants hereby notify the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO-1449 Form and which were cited in the Search Report of the corresponding PCT application. The Examiner may deem these documents to be relevant to patentability of the claims of the above-identified application. A copy of each publication is enclosed for convenience of the Examiner, except for German application 28 05 438, which was supplied with the previous Information Disclosure Statement. Also enclosed for the convenience of the Examiner is a copy of the Search Report.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

This Supplemental Information Disclosure Statement is being filed prior to the mailing of a first Office Action on the merits, and accordingly no fee is required for submission of this IDS. If for some reason a fee is required, please charge the same to Deposit Account 01-1125.

Respectfully submitted,

N.J. DECRISTOFARO ET AL.

By: Roger H. Criss  
Roger H. Criss  
(Their Attorney)  
Registration No. 25,570  
(973) 455-4796

Enclosures

Honeywell International Inc.  
P.O. Box 2245  
101 Columbia Road  
Morristown, NJ 07962-2245

#145472

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>30-4519 C1</b>	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. <b>PCT/US 01/05221</b>	International filing date (day/month/year) <b>16/02/2001</b>	(Earliest) Priority Date (day/month/year) <b>17/02/2000</b>
Applicant  <b>HONEYWELL INTERNATIONAL INC.</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

## 1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☐ None of the figures.

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

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☐ None of the figures.

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/05221

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H02K1/14 H02K15/02

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H02K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 00 28640 A (ALLIED SIGNAL INC.) 18 May 2000 (2000-05-18) abstract page 8, line 1 -page 9, line 13; figures 1,2	1,2,8, 19-22,25
X	WO 99 66624 A (ALLIED SIGNAL INC.) 23 December 1999 (1999-12-23) abstract page 5, line 20 -page 13, line 28; figures 1-7	1-41
Y	DE 28 05 438 A (EISEN- U. METALLINDUSTRIE E. BLUM KG.) 16 August 1979 (1979-08-16) page 6, line 10 -page 7, line 20 page 11, line 1 -page 15, line 24; figure 1	1,2,8, 19-22,25
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

8 June 2001

Date of mailing of the international search report

18/06/2001

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Beitner, M

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/05221

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 731 649 A (CAAMANO) 24 March 1998 (1998-03-24)	19,20
X	abstract	21,37
A	column 1, line 38 -column 2, line 42 column 16, line 10 -column 17, line 18; figures 10,11	1,2,8
Y	US 4 392 072 A (ROSENBERY) 5 July 1983 (1983-07-05)	1,2,8, 21,22,25
A	abstract  column 2, line 27-51 column 3, line 46-65 column 4, line 18-55 column 5, line 24-32 column 5, line 53 -column 6, line 26; figures 1,3	3-6,23, 24
X	US 4 255 684 A (MISCHLER ET AL.) 10 March 1981 (1981-03-10)	11-15, 17,21, 26,29, 32,37, 39,41
	the whole document	
X	PATENT ABSTRACTS OF JAPAN vol. 10, no. 158 (E-409), 6 June 1986 (1986-06-06) & JP 61 012004 A (MITSUI SEKIYU KAGAKU KOGYO KK), 20 January 1986 (1986-01-20) abstract	11-14, 21,33,34
A	US 4 201 837 A (LUPINSKI) 6 May 1980 (1980-05-06)	9,10,15, 17,18, 32,36
	the whole document	
A	US 5 671 524 A (DAMSKY ET AL.) 30 September 1997 (1997-09-30) column 2, line 23 -column 3, line 31 column 5, line 9-32; figures 2-4	1,2,8,10
A	FR 2 538 970 A (KHAIT ET AL.) 6 July 1984 (1984-07-06) abstract page 4, line 6-30 page 6, line 17 -page 7, line 8 page 7, line 22 -page 8, line 13; figures 1-3	11-14

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 01/05221

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0028640 A	18-05-2000	AU 1815000 A	29-05-2000
WO 9966624 A	23-12-1999	AU 4693099 A EP 1088382 A	05-01-2000 04-04-2001
DE 2805438 A	16-08-1979	NONE	
US 5731649 A	24-03-1998	US 5982070 A US 5903082 A US 5986378 A US 6049197 A US 6154013 A US 5814914 A	09-11-1999 11-05-1999 16-11-1999 11-04-2000 28-11-2000 29-09-1998
US 4392072 A	05-07-1983	BR 7905831 A CA 1134422 A ES 483958 D ES 8101340 A IT 1165297 B JP 55046839 A MX 146954 A	27-05-1980 26-10-1982 01-04-1980 01-03-1981 22-04-1987 02-04-1980 14-09-1982
US 4255684 A	10-03-1981	NONE	
JP 61012004 A	20-01-1986	JP 1960751 C JP 6093404 B	10-08-1995 16-11-1994
US 4201837 A	06-05-1980	NONE	
US 5671524 A	30-09-1997	NONE	
FR 2538970 A	06-07-1984	NONE	